

**Subpart C—Intact Stability Standards**

- 178.310 Intact stability requirements—general.
- 178.320 Intact stability requirements—non-sailing vessels.
- 178.325 Intact stability requirements—monohull sailing vessels.
- 178.330 Simplified stability proof test (SST).
- 178.340 Stability standards for pontoon vessels on protected waters.

**Subpart D—Drainage of Weather Decks**

- 178.410 Drainage of flush deck vessels.
- 178.420 Drainage of cockpit vessels.
- 178.430 Drainage of well deck vessels.
- 178.440 Drainage of open boats.
- 178.450 Calculation of drainage area for cockpit and well deck vessels.

**Subpart E—Special Installations**

- 178.510 Ballast.

AUTHORITY: 43 U.S.C. 1333; 46 U.S.C. 2103, 3306, 3703; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGD 85-080, 61 FR 966, Jan. 10, 1996, unless otherwise noted.

**Subpart A—General Provisions****§ 178.115 Applicability to existing vessels.**

Except where specifically stated otherwise, an existing vessel must comply with the intact stability and seaworthiness regulations which were applicable to the vessel on March 10, 1996, or, as an alternative, the vessel may comply with the regulations in this part.

[CGD 85-080, 61 FR 966, Jan. 10, 1996, as amended by USCG-2007-0030, 75 FR 78087, Dec. 14, 2010]

**Subpart B—Stability Instructions for Operating Personnel****§ 178.210 Stability information.**

(a) Stability information (stability details indicated on the Certificate of Inspection, a stability letter, or a stability booklet), is required on certain vessels by paragraphs (b), (c), or (d) of this section. Enough stability information, including stability calculations and assumptions made to use them, must be provided to allow the master to be able to determine operating

guidelines, loading restrictions, and ensure compliance with the applicable intact and damage stability regulations of this chapter.

(b) A vessel which, under § 178.310 of this part, complies with requirements in subchapter S of this chapter, must have stability details on the vessel's Certificate of Inspection, a stability letter issued by the cognizant Officer in Charge, Marine Inspection (OCMI) or the Commanding Officer, Marine Safety Center, or an approved stability booklet. The form in which the stability information must be contained (*i.e.*, stability details on the Certificate of Inspection, a stability letter, or a stability booklet) will be determined by the Commanding Officer, Marine Safety Center.

(c) When necessary for safe operation, the cognizant OCMI may place specific stability restrictions in a stability letter or on the Certificate of Inspection of a vessel not more than 65 feet (19.8 meters) in length, which, under § 178.310 of this part, complies with the requirements of § 178.320 of this part.

(d) Each pontoon vessel must have a stability letter and each stability letter issued after March 14, 2011 must be issued by the Commanding Officer, Marine Safety Center.

[CGD 85-080, 61 FR 966, Jan. 10, 1996, as amended by USCG-2007-0030, 75 FR 78087, Dec. 14, 2010]

**§ 178.215 Weight of passengers and crew.**

(a) This section applies to each vessel, regardless of when constructed, for which stability information is based on the results of a simplified stability proof test.

(b) Except as provided in paragraph (c) of this section, and if not provided in the stability information required, the owner of each vessel must provide the master with the total test weight used in the simplified stability proof test and the number of passengers and crew included in the total test weight. Owners and masters must use a total weight of passengers and crew carried that is based upon an assumed weight per person, which is determined in accordance with § 170.090 of this chapter.

## § 178.220

(c) The information specified in paragraph (b) of this section need not be provided if the owner attests that the vessel complies with applicable intact stability requirements when carrying the number of passengers and crew permitted by the Certificate of Inspection with an assumed weight per person determined in accordance with §170.090 of this chapter.

[USCG-2007-0030, 75 FR 78087, Dec. 14, 2010]

### § 178.220 Stability booklet.

When the Commanding Officer, Marine Safety Center determines, in accordance with §178.210(b), that a vessel must have a stability booklet, the owner or operator must prepare the booklet in accordance with subchapter S of this chapter, and submit it to the Commanding Officer, Marine Safety Center.

### § 178.230 Stability letter or Certificate of Inspection stability details.

(a) When the cognizant OCMi or the Commanding Officer, Marine Safety Center determines, in accordance with §178.210, that a vessel must have stability details indicated on its Certificate of Inspection or a stability letter, the owner or operator must submit the information listed in paragraph (b) of this section:

(1) If §178.210(c) is applicable, to the OCMi for approval; or

(2) If §178.210(b) is applicable, to the Commanding Officer, Marine Safety Center for approval.

(b) If §178.210(b) of this part applies, the applicable information described in subpart C of part 170 of this title, and the calculations used to determine that information, must be submitted in addition to the applicable information listed in paragraph (b) of this section.

(1) Allowable weight and number of passengers and crew on each deck;

(2) Deepest waterline drafts or freeboard;

(3) Location of watertight bulkheads and openings in watertight bulkheads;

(4) Explanation of the vessel's subdivision and specific identification of the vessel's subdivision bulkheads;

(5) Location of openings through watertight bulkheads, such as watertight doors, which must be closed to limit flooding in an emergency;

## 46 CFR Ch. I (10–1–11 Edition)

(6) Location, type and amount of fixed ballast;

(7) Location and details of foam flotation material; and

(8) Maximum weight of portable equipment permitted on the vessel including diving equipment.

(c) If §178.210(c) of this part applies, the allowable weight and number of passengers and crew on each deck, and the necessary calculations used to determine that information, must be submitted in accordance with paragraph (a) of this section.

[CGD 85-080, 61 FR 966, Jan. 10, 1996, as amended by USCG-2007-0030, 75 FR 78087, Dec. 14, 2010]

### Subpart C—Intact Stability Standards

#### § 178.310 Intact stability requirements—general.

(a) Except as provided in paragraph (c) of this section, each vessel must, in each condition of loading and operation, comply with the applicable requirements of—

(1) Part 170 of this chapter, except subparts G and H; and

(2) Part 171 of this chapter, subparts A and B.

(b) Sailing vessels must meet the appropriate requirements of §171.055 or §171.057 in subchapter S in this chapter while under sail, as well as the requirements of §170.170 in subchapter S in this chapter while under bare poles (if an auxiliary sailing vessel as defined in §170.055(a) of this chapter) and with storm sails set and trimmed flat (if a sailing vessel as defined in §170.055(n) of this chapter).

(c) As an alternative to meeting the requirements of paragraphs (a) and (b) of this section, a vessel may demonstrate compliance with an appropriate standard set forth in either §178.320 of this part for non-sailing vessels or §178.325 of this part for monohull sailing vessels if all of the following criteria are satisfied:

(1) The length is not more than 19.8 meters (65 feet) in length;

(2) The vessel does not carry more than 12 passengers on an international voyage;